

# Mireille Ansaldi

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3773581/mireille-ansaldi-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

1,263  
citations

20  
h-index

35  
g-index

38  
ext. papers

1,440  
ext. citations

4.6  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
30	Specific activation of the Bacillus quorum-sensing systems by isoprenylated pheromone variants. <i>Molecular Microbiology</i> , <b>2002</b> , 44, 1561-73	4.1	135
29	Site-specific mutagenesis by using an accurate recombinant polymerase chain reaction method. <i>Analytical Biochemistry</i> , <b>1996</b> , 234, 110-1	3.1	85
28	Transphosphorylation of the TorR response regulator requires the three phosphorylation sites of the TorS unorthodox sensor in Escherichia coli. <i>Journal of Molecular Biology</i> , <b>1997</b> , 267, 770-7	6.5	65
27	P2CS: a two-component system resource for prokaryotic signal transduction research. <i>BMC Genomics</i> , <b>2009</b> , 10, 315	4.5	52
26	Binding of the TorR regulator to cis-acting direct repeats activates tor operon expression. <i>Molecular Microbiology</i> , <b>1995</b> , 17, 971-80	4.1	50
25	Phage-Based Fluorescent Biosensor Prototypes to Specifically Detect Enteric Bacteria Such as E. coli and Salmonella enterica Typhimurium. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131466	3.7	45
24	Diversifying selection at the Bacillus quorum-sensing locus and determinants of modification specificity during synthesis of the ComX pheromone. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 15-21	3.5	43
23	The TorR high-affinity binding site plays a key role in both torR autoregulation and torCAD operon expression in Escherichia coli. <i>Journal of Bacteriology</i> , <b>2000</b> , 182, 961-6	3.5	41
22	Bacterial genome remodeling through bacteriophage recombination. <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362, 1-10	2.9	37
21	Rapid dephosphorylation of the TorR response regulator by the TorS unorthodox sensor in Escherichia coli. <i>Journal of Bacteriology</i> , <b>2001</b> , 183, 2691-5	3.5	36
20	Aerobic TMAO respiration in Escherichia coli. <i>Molecular Microbiology</i> , <b>2007</b> , 66, 484-94	4.1	33
19	TorC apocytochrome negatively autoregulates the trimethylamine N-oxide (TMAO) reductase operon in Escherichia coli. <i>Molecular Microbiology</i> , <b>1999</b> , 33, 284-95	4.1	31
18	Transcription termination controls prophage maintenance in Escherichia coli genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 14414-9	11.5	29
17	The cyst-dividing bacterium Ramlibacter tataouinensis TTB310 genome reveals a well-stocked toolbox for adaptation to a desert environment. <i>PLoS ONE</i> , <b>2011</b> , 6, e23784	3.7	29
16	The primary pathway for lactate oxidation in Desulfovibrio vulgaris. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 606	5.7	28
15	Genes regulated by TorR, the trimethylamine oxide response regulator of Shewanella oneidensis. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 4502-9	3.5	28
14	Prophages in Salmonella enterica: a driving force in reshaping the genome and physiology of their bacterial host?. <i>Molecular Microbiology</i> , <b>2019</b> , 111, 303-316	4.1	27

13	TorI, a response regulator inhibitor of phage origin in Escherichia coli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 9423-8	11.5	25
12	Substrate-independent luminescent phage-based biosensor to specifically detect enteric bacteria such as E. coli. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 42-51	5.1	22
11	The anaerobe-specific orange protein complex of <i>Desulfovibrio vulgaris hildenborough</i> is encoded by two divergent operons coregulated by B4 and a cognate transcriptional regulator. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 3207-19	3.5	20
10	Control and regulation of KplE1 prophage site-specific recombination: a new recombination module analyzed. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 21798-809	5.4	19
9	Tight regulation of the intS gene of the KplE1 prophage: a new paradigm for integrase gene regulation. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001149	6	16
8	Structural and genetic analyses reveal a key role in prophage excision for the TorI response regulator inhibitor. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 36802-8	5.4	16
7	Protein binding sites involved in the assembly of the KplE1 prophage intasome. <i>Virology</i> , <b>2010</b> , 404, 41-50	6	12
6	Insights into the functions of a prophage recombination directionality factor. <i>Viruses</i> , <b>2012</b> , 4, 2417-31	6.2	10
5	Chaperone-assisted excisive recombination, a solitary role for DnaJ (Hsp40) chaperone in lysogeny escape. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 38876-85	5.4	8
4	DnaJ (Hsp40 protein) binding to folded substrate impacts KplE1 prophage excision efficiency. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 14169-77	5.4	7
3	Epigenetic biosensors for bacteriophage detection and phage receptor discrimination. <i>Environmental Microbiology</i> , <b>2020</b> , 22, 3126-3142	5.2	3
2	Semi-autonomous inline water analyzer: design of a common light detector for bacterial, phage, and immunological biosensors. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 66-72	5.1	2
1	Novel Virulent Bacteriophages Infecting Mediterranean Isolates of the Plant Pest and. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2